# **Product datasheet**

Specification





## circuit breaker EasyPact CVS400F, 36 kA at 415 VAC, 320 A rating thermal magnetic TM-D trip unit, 3P 3d

LV540305

#### Main

Range	EasyPact								
Range of product	EasyPact CVS400630								
Product name	EasyPact CVS								
Device short name	CVS400F								
Product or component type	Circuit breaker								
Device application	Distribution								
poles description	3P								
Protected poles description	3D								
Earth leakage protection (Vigi add on)	Without								
[In] rated current	320 A at 40 °C								
network type	AC								
Utilisation category	Category A								
[Icu] Breaking capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2								
Trip unit name	TM-D								
Trip unit technology	Thermal-magnetic								
Trip unit rating	320 A at 40 °C								
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)								

## Complementary

,								
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2 50/60 Hz							
Network frequency								
Breaking capacity code	F							
[lcs] rated service breaking capacity	40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 23 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2							
Mechanical durability	15000 cycles							
Electrical durability	6000 cycles 415 V In conforming to IEC 60947-2							
Control type	Toggle							
Thermal protection adjustment range	224320 A							
Long time pick-up adjustment type Ir	Adjustable							

Long time pick-up adjustment range	0.71 x ln								
Long time delay adjustment type	Fixed								
Instantaneous pick-up adjustment type li	Adjustable								
instantaneous pick-up adjustment range	510 x In								
Contact position indicator	Yes								
Mounting support	Backplate								
Mounting mode	Fixed								
Upside connection	Front								
downside connection	Front								
Connections - terminals	Screw connection								
Connection pitch	45 mm								
Compatibility code	CVS400								
Width	140 mm								
Depth	110 mm								
Height	255 mm								
Net weight	4.7 kg								

## **Environment**

Standards	EN 60947-2 IEC 60947-2						
Product certifications	GOST IEC						
Electrical shock protection class	Class II						
Pollution degree	3 conforming to IEC 60664-1						
IP degree of protection	IP40						
Ambient air temperature for operation	-2570 °C						
Ambient air temperature for storage	-5085 °C						

## **Packing Units**

Unit Type of Package 1	PCE							
Number of Units in Package 1	1							
Package 1 Height	15.000 cm							
Package 1 Width	15.500 cm							
Package 1 Length	29.000 cm							
Package 1 Weight	4.824 kg							
Unit Type of Package 2	S04							
Number of Units in Package 2	3							
Package 2 Height	30.000 cm							
Package 2 Width	40.000 cm							
Package 2 Length	60.000 cm							
Package 2 Weight	15.122 kg							

Unit Type of Package 3	P12							
Number of Units in Package 3	12							
Package 3 Height	45.000 cm							
Package 3 Width	80.000 cm							
Package 3 Length	120.000 cm							
Package 3 Weight	72.488 kg							



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance

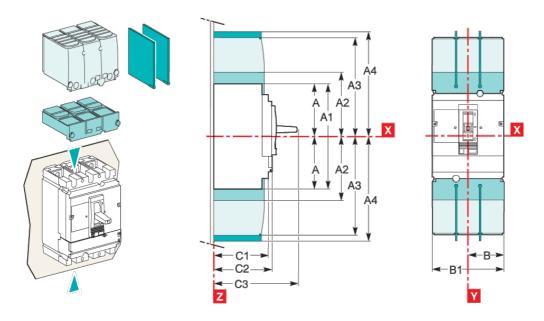
<b>②</b>	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

## LV540305

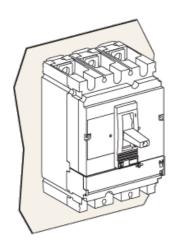
## **Dimensions Drawings**

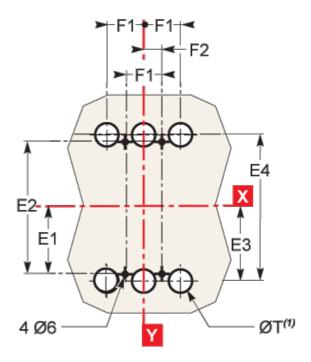


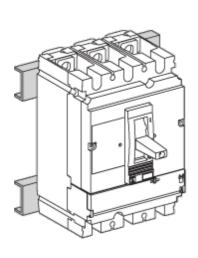
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
CVS400/630	127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Туре	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØΤ	U
CVS100/160/250	125	70	140	137.5	200	145	215	35	17.5	70	95	75	13.5	23	17.5	24	y 32
CVS400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y 35

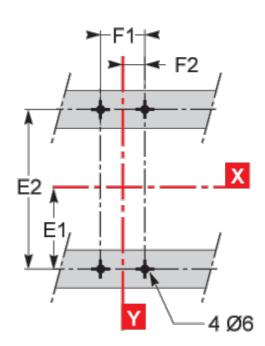
(2) C3=126mm for EasyPact CVS250B/F.

### Assembly









Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
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<sup>(2)</sup> C3=126mm for EasyPact CVS250B/F.

#### Performance Curves

